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(54) Title: CLEANING AND CORROSION INHIBITION SYSTEM AND COMPOSITION FOR SURFACES OF ALUMINUM
OR COLORED METALS AND ALLOYS THEREOF UNDER ALKALINE CONDITIONS

O - (AO)_{n1} - Alkyl

/

O=P - Z

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O - (AO)_{n2} - Alkyl

(I)

(57) Abstract: The present invention relates to
corrosion inhibitor systems, in particular to cleaning
and corrosion inhibiting compositions for surfaces
of aluminum or colored metals and alloys thereof
under alkaline conditions, especially in the food and
pharmaceutical industries. The cleaning and corrosion
inhibiting compositions comprise as a corrosion
inhibitor at least one alkyleneoxy alkylphosphate di-
or triester having the general formula (I) where Z is
either -O-M or -O - (AO)_{n2} - Alkyl wherein M is an

ammonium, alkali metal or alkaline earth metal cation, Alkyl is a C₅-C₂₂ alkyl or alkylaryl group, AO is a C₂₋₄-alkylene oxide unit
and n¹, n² and n³ each are integers from 2 to 10.

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